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DESCRIPTION

*Approved for Entry
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OPTICAL CONTROL DEVICE AND METHOD OF DRIVING THE SAME

TECHNICAL FIELD

The present invention relates to a novel optical control device for use with display elements, etc., and especially, relates to an optical control device for combination with liquid crystal elements and a method of driving the same.

BACKGROUND ART

Nowadays, the liquid crystal display is used in a wide range of applications from television sets to video players, personal computers, word processing machines, projectors, to name a few, to exploit its high energy efficiency and low weight. The technology is however far from being mature, leaving even liquid crystal displays developed for practical use with problems that should be addressed.

The first problem is a low efficiency in the use of light. In a typical color liquid crystal display, a polarizer has a transmittance of 1/2 or lower, and a color filter has a